



New York
Public
Library

OFFICE OF THE PRESIDENT

July 9, 2014

Jonathan Chambers
Chief, Office of Strategic Planning & Policy Analysis
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Re: WC Docket No. 13-184, Notice of *Ex Parte*

Dear Mr. Chambers,

As per our phone conversations on July 6, 7, and 8, 2014, included here are the equipment costs related to two major internal network projects – at the Mid-Manhattan Library and Bronx Library Center – that are being planned by the New York Public Library. We previously shared these costs, in addition to those of two other recent network upgrade projects, via email with you and your colleague, Charles Eberle, Attorney-Advisor for the Wireline Competition Bureau. We were joined on those calls by Richard Stalzer, Director of Technology Infrastructure and Service Delivery, and Jane Aboyoun, Vice President and Chief Technology Officer at NYPL.

The E-Rate eligible costs for network upgrades for the Bronx Library Center (BLC) and the Mid-Manhattan Library (MML) are estimated at approximately \$918,000, and are part of the \$8 to 9 million NYPL will spend over the next 5 years on system-wide upgrades. These costs do not include some cabling and labor (which could not successfully be broken out on short notice), nor are they inclusive of data services and bandwidth which add nearly \$4 million annually. Together, BLC and MML total 230,000 square feet, which comes to an average of \$4 per square foot for proposed internal connections upgrades.

As President Marx wrote in his July 3 letter to Chairman Wheeler, NYPL prefers that the FCC consider a funding formula based on usage or service area population in the allocation of Category 2 E-Rate funds. If square footage is ultimately used in a formula, we hope any funding cap takes into account the unique needs of urban libraries, which, as President Marx wrote, “typically have smaller footprints but higher attendance rates than their rural and suburban peers.” These two library buildings in the Bronx and midtown Manhattan collectively receive over 2 million visits each year and serve many of the poorest in NYC.



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We greatly appreciate that the FCC is making significant resources available to fund improvements to Wi-Fi infrastructure in schools and libraries, and are equally grateful that members of the Commission have taken the time to understand the issues facing urban libraries. If you require any more assistance or information, we are happy to be of service.

Respectfully submitted,

Sam Rubin
Special Assistant to the President

Projected Internal Connections Cost for Technology Refresh

Bronx Library Center

Purpose	Qty	Cost
Network Router Chassis	2	\$ 3,720.90
Network Router - Component	70	\$ 127,231.44
Network - Wiring Closet (IDF) Switch	70	\$ 74,252.83
Network - Telco Room (MDF) Backbone Switch	30	\$ 39,737.62
Internet Router Chassis	1	\$ 1,860.45
Internet Router - Component	16	\$ 84,852.74
Internet Firewall	1	\$ 25,963.68
Internet Firewall - Component	4	\$ 2,773.43
Wireless Access Point	40	\$ 31,960.00
Wireless Equipment License	40	\$ 12,000.00
Wireless Installation	1	\$ 8,000.00
IDF cable managers	28	\$ 840.00
Patch Cables	1,347	\$ 20,110.00
Total Project Costs		\$ 433,303.09

Mid-Manhattan Library

Purpose	Qty	Cost
Network Router Chassis	2	\$ 3,720.90
Network Router - Component	117	\$ 145,142.24
Network - Wiring Closet (IDF) Switch	114	\$ 139,724.10
Network - Telco Room (MDF) Backbone Switch	30	\$ 42,640.42
Wireless Access Point	98	\$ 78,302.00
Wireless Equipment License	98	\$ 29,400.00
Wireless Installation	1	\$ 19,600.00
IDF cable managers	28	\$ 840.00
Patch Cables	1,792	\$ 25,840.00
Total Project Costs		\$ 485,209.66